



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3183-5

Job Sheet 197553



Part No: D3183-5

Job Qty: 50 pcs

Part Name: Bearing



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/10/19

Job Tracking No:

Due Date: 7/19/19

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG REV C1 IPP: A 03.03.27 New issue KJ/RF

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup	Run		
					Hrs	Hrs	Workcenter / Supplier Lead Time	
100	Purchasing	50 pcs	7/19/19	7/19/19	0.00	0.00	Purchasing - 1	JUL 16 2019
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	50 pcs	7/19/19	7/19/19	0.00	0.00	Packaging 2 - 1 - B4B	JUL 16 2019
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	
							Packaging 2 - 28 - B4B	



Container No: S198170

Part: D3183-5

Job No: 197553

Serial No/Batch: S198170

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 07/16/19

Plex 7/10/19 11:45 AM dart.lavoie.chanta

					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
120	QC 6	50 pcs	7/19/19	0.00 0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	DAS
					QC 6 - 40	81
					QC 6 - 81	9-89
130	Packaging 3-1 - Stock - B4B	50 pcs ✓	7/19/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	STO20
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
140	QC 21 - SA	50 pcs ✓	7/19/19	0.00 0.00	QC 21 - SA - 21	STO20
					QC 21 - SA - 70	21
					QC 21 - SA - 53	9-89

SEP 04 2019

THU 9-5-2019
Rosales, Oscar

Part Op 100 - (Purchasing) Issue P/O: _____ Bearing as per Dwg D3183 Single row, deep groove, Conrad type,
 Descriptions: shielded Possible Supplier: NSK P/N 6800ZZ Certificate of conformity note is required
 110 - (Receive & Inspect for Damage & Mat'l Certs) Ensure certificate of conformity is attached
 120 - (QC6- All purchased or subcontracted products)
 130 - (Identify as per dwg & Stock Location: _____)
 140 - (QC21- Final Inspection - Work Order Release)

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
6800ZZ	Bearing D3183-5	50 pcs (1 ea)	100-Purchasing	5198168

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	6800ZZ	50	0	0

Main

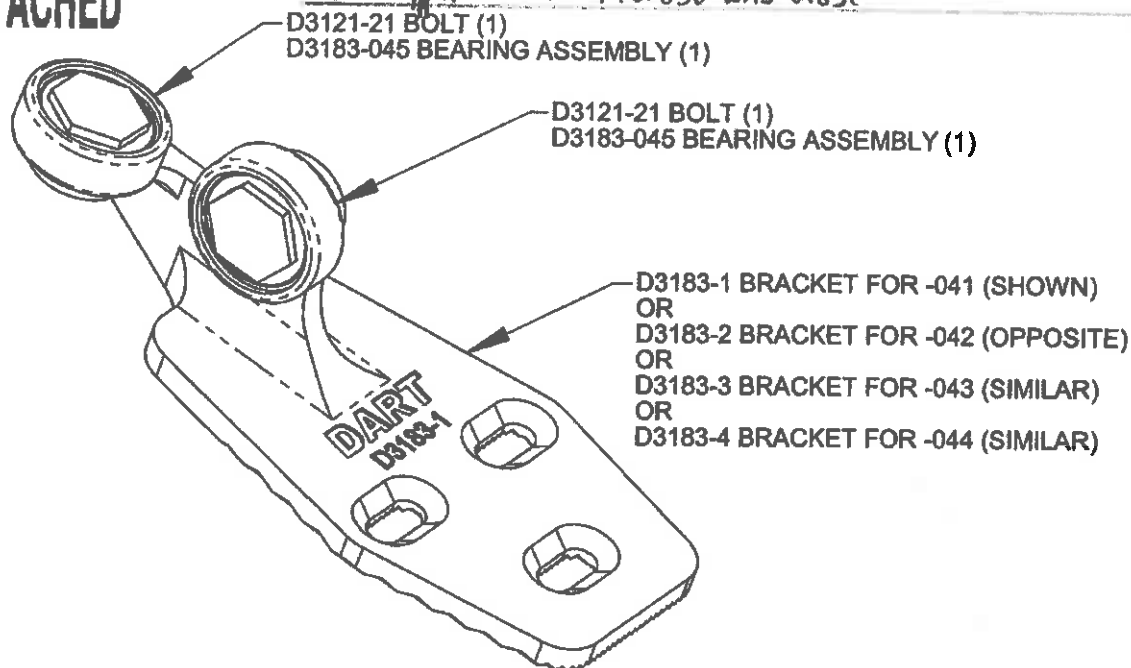
Part Specifications	
Specifications could not be found.	

Plex 7/10/19 11:45 AM dart.lavoie.chantal

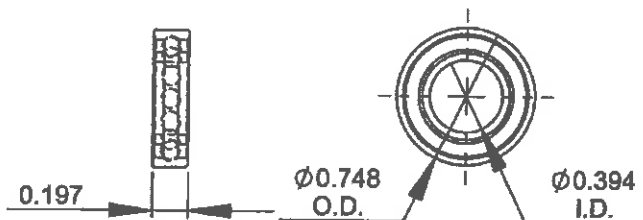


DESIGN #	DRAWN BY ip	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3183	REV. C SHEET 1 OF 4
DATE 04.02.17		TITLE BRACKET ASSEMBLY	SCALE 1:1
A	03.01.24	NEW ISSUE	
B	03.06.17	REMOVE BEARING; 1.012 WS 0.882	
C	04.02.17	ADD -045/-9; 0.182 WAS 0.431	
CI	# 04.11.09	0.830 WAS 0.850	

RELEASED
04.03.01
DEO ATTACHED

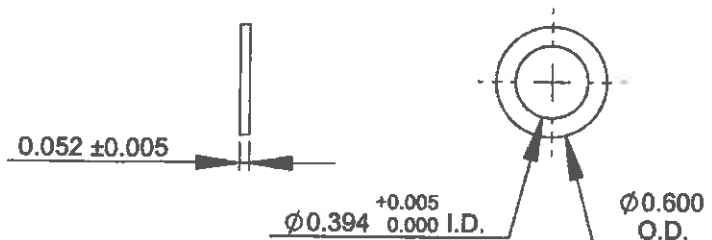


D3183-041 BRACKET ASSEMBLY (SHOWN)
D3183-042 BRACKET ASSEMBLY (OPPOSITE)
D3183-043 BRACKET ASSEMBLY (SIMILAR)
D3183-044 BRACKET ASSEMBLY (SIMILAR)



D3183-5 BEARING:
SPECIFICATION CONTROL DRAWING

- 1) SINGLE ROW, DEEP GROOVE, CONRAD TYPE, SHIELDED
- 2) POSSIBLE SUPPLIER: NSK P/N 6800ZZ
- 3) ALL DIMENSIONS ARE IN INCHES



D3183-7 WASHER

- 1) MATERIAL: AISI 303 ROUND BAR (M303R)
ANNEALED
- 2) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 3) TOLERANCES ARE PER DART QSI 018
UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES

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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043993



Supplier: MAJ001-VC
Main Industrial Sales Ltd.
1475, Tessier
Hawkesbury
ON
K6A 3S6 Canada
Phone: 613 632 3595
Fax: 613 632 0262

Attention: Bourgon, Rachelle

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043993

PO Date: 7/12/19

Due Date: 7/19/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
①	197553	6800ZZ	68002ZKML		Bearing D3183-5	Firmed	-	7/19/19	50 pcs	0 pcs	50 pcs	\$1.58/pcs	\$79.00
							So x JUL 16 2019						
②	197554	6900ZZ	69002ZKML		Bearing D3121-23	Firmed	-	7/19/19	50 pcs	0 pcs	50 pcs	\$1.62/pcs	\$81.00
							So x JUL 16 2019						
Grand Total:													\$160.00

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 7/16/19 8:16 AM dart.belanger.natasha

MAIN INDUSTRIAL SALES LTD.

1475 TESSIER ST.
HAWKESBURY ON K6A 3S6
Phone: (613) 632-3595 Ext. Fax: (613) 632-0262
sales@mainindustrialsales.com

Packing Slip

DATE July 12, 2019
NUMBER 0000238029
CUSTOMER NO. DART

BILL TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

SHIP TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

JUL 12 2019

(613) 632-5200 Ext.

(613) 632-5200 Ext.

P.O. NUMBER	SALESPERSON	ORDER DATE	REQ. DATE	ORDER NUMBER			
HB043993	EC	12-Jul-19		0000238029			
F.O.B.	SHIP VIA	TERMS					
F.O.B. value	OUR TRUCK / LOCAL	NET 30 DAYS					
PART NUMBER	DESCRIPTION	LOCATION	UOM	QUANTITY	REQ.	SHIPPED	B.O.
0-68002ZKML	BALL BEARING	6D6	EA	50	50		
0-69002ZKML	KML BALL BEARING	6D6	EA	50	50		

RECEIVED
JUL 12 2019
DART AEROSPACE LTD.

CERTIFICATE OF COMPLIANCE

RE: 6800-ZZ BEARING

To Whom It May Concern:

Our bearing rings and balls are made of high carbon chromium steel GCr15 which has a chemical composition equivalent to SAE 52100. The hardness of bearing rings is HRC 59-64 and HRC 60-65 for steel balls. Unless specify, bearings are 25-30% filled with Alvania No. 2 grease or Chevron SRI#2 grease or equivalent.

Stella Fan
Phone: 905-629-4255
Fax: 905-629-2358

**SMART
SUPPLIES**

No POTH

No Qty

No Signature

not

supplier

(see last page.)

- dm.

POHB043993 Main

2

KG

Kimberley Guerin

Tue 7/16/2019 8:45 AM

Natasha Belanger; Derick Paul

Hey – as we just discussed, the CoC is from a third party that Main purchased from so they will not mark our PO # and the quantity is questionable as they may have ordered more to keep in their stock.

I can request for it to be physically signed, but that's all – please advise.

Thanks,
Kim

NB

Natasha Belanger

Tue 7/16/2019 8:33 AM

Kimberley Guerin; Derick Paul

POHB043993 Main.pdf

725 KB

Hi Kim,

After verifying with quality the above COC's are not acceptable from Main.

As I indicated on PS, we are missing PO#, Qty & signature.
Please send a request for revised copies from supplier.

Thank you,
Natasha
Warehouse Receiver

DART AEROSPACE
T 1 613 632-5200 > 248
F 1 613 632-5246
1 800 556- 4166
www.dartaerospace.com



KG

Kimberley Guerin

Tue 7/16/2019 8:03 AM

Natasha Belanger; Derick Paul

Done!



Natasha Belanger

Tue 7/16/2019 7:22 AM

Kimberley Guerin; Derick Paul



Good Morning,

On the above PO, we need to make line 2 like line 1.

On line 1 under Supplier Part# we have 68002ZKML

On line 2 under supplier Part# we need to add 69002ZKML, so we match with the PS.

Please advise receiving once completed.

Thank you,

Natasha

Warehouse Receiver

DART AEROSPACE

T 1 613 632-5200 > 248

F 1 613 632-5246

1 800 556- 4166

www.dartaerospace.com





5586 Ambler Drive
Mississauga, ON L4W 2K9
Tel: (905)629-4255
Fax: (905)629-2358
info@smartsupplies.ca

CERTIFICATE OF COMPLIANCE

RE: 6800-ZZ BEARING

To Whom It May Concern:

Our bearing rings and balls are made of high carbon chromium steel GCr15 which has a chemical composition and equivalent to SAE 52100. The hardness of bearing rings is HRC59-64 and HRC60-65 for steel balls. Unless specified, bearings are 25-30% filled with Alvania No. 2 grease or Chevron SRI#2 grease or equivalent.

Issued by:
Smart Supplies


Stella Fan

PO HIB 043 993